

Original design

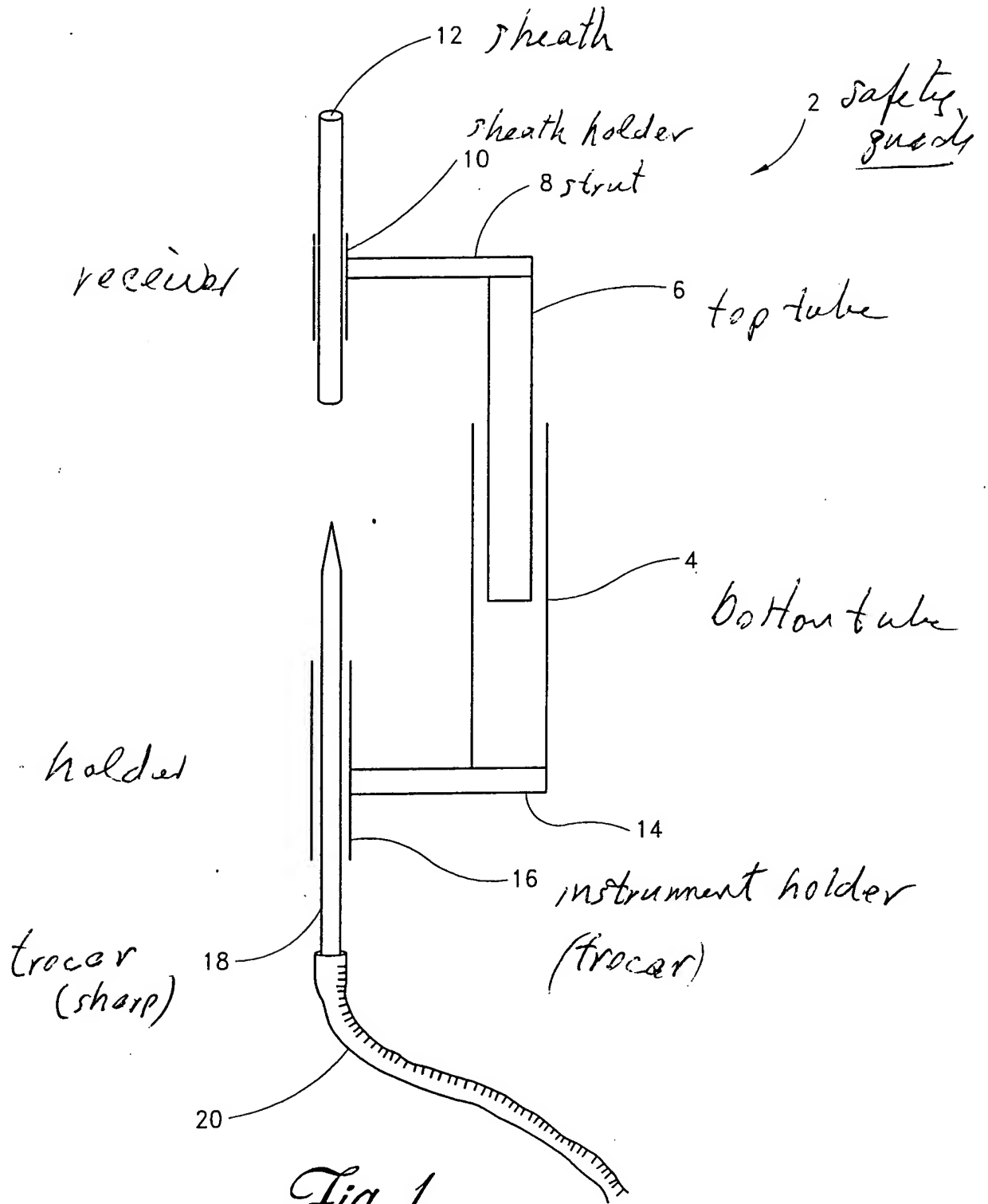


Fig. 1

safety guard with  
surgical trocar, drain, sheath

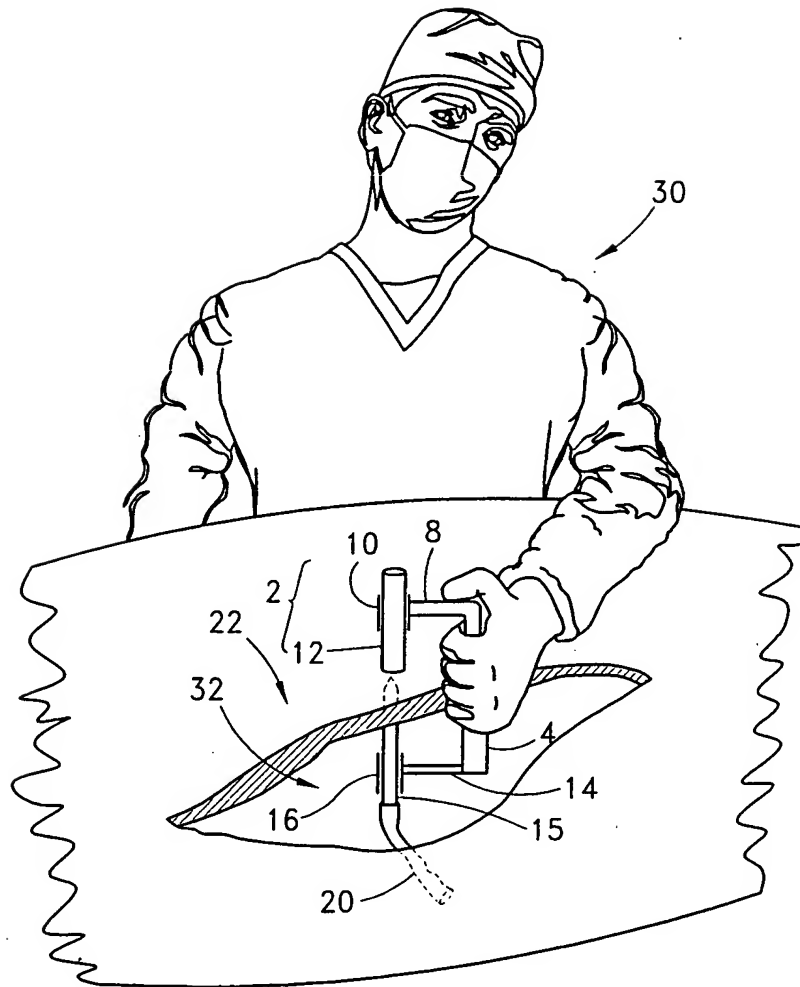
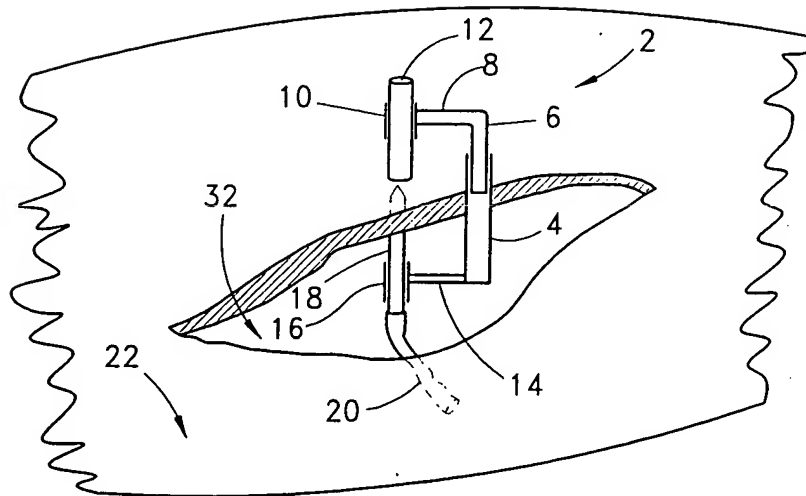
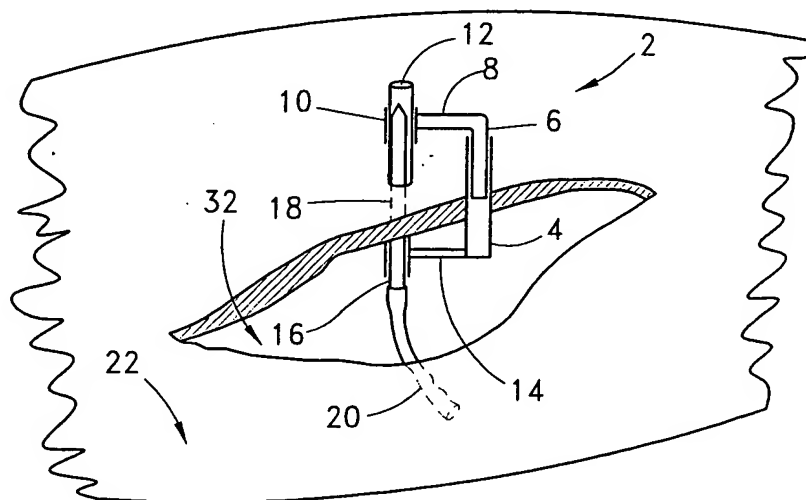


Fig. 2

surgeon placing  
 trocar through a patient's skin using  
 safety guide



*Fig. 3*  
 o blique elevation view safety guide prep  
 for penetration of surg. trocar through skin



*Fig. 4* safety guide  
 with trocar having penetrated skin

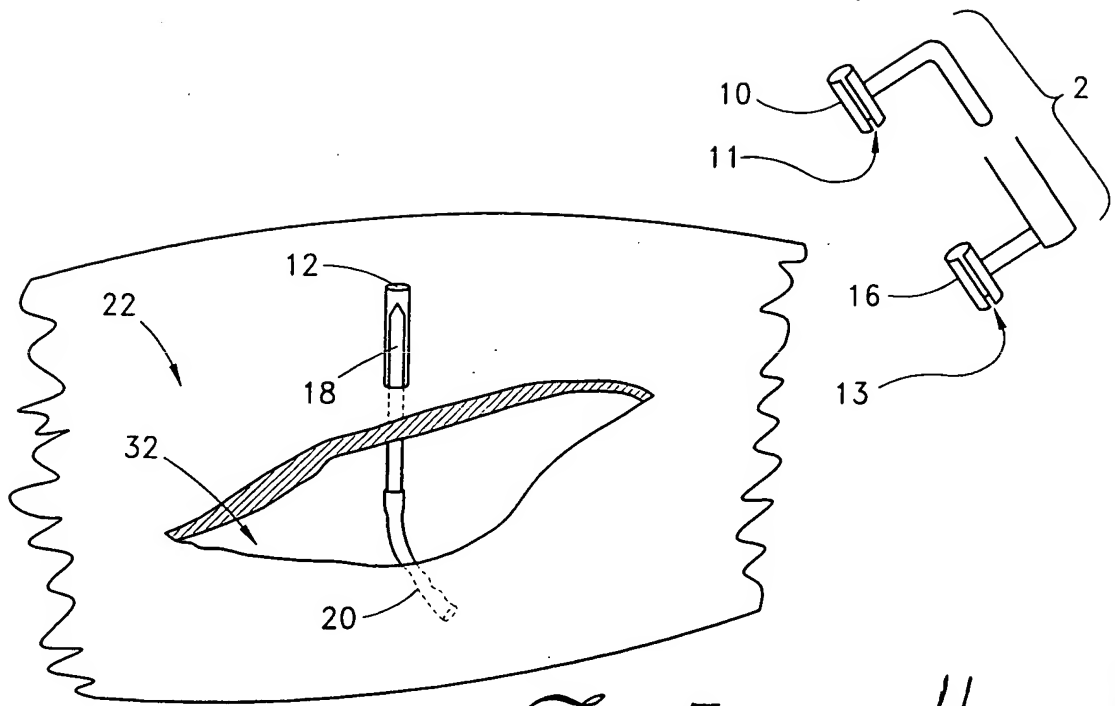


Fig. 5

seftly guide

\* peribol of seftly guide from patient

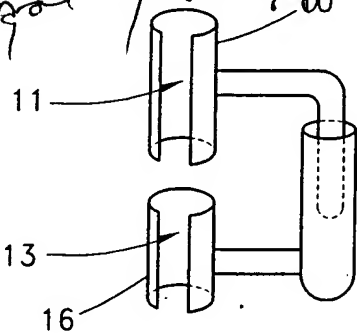
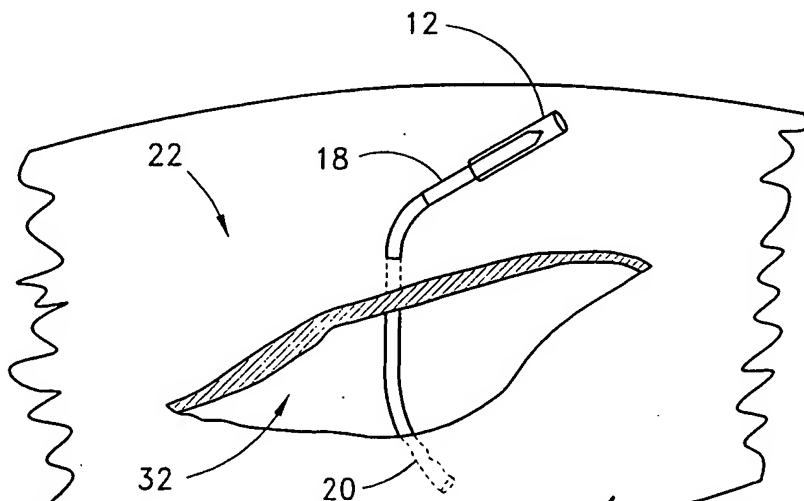


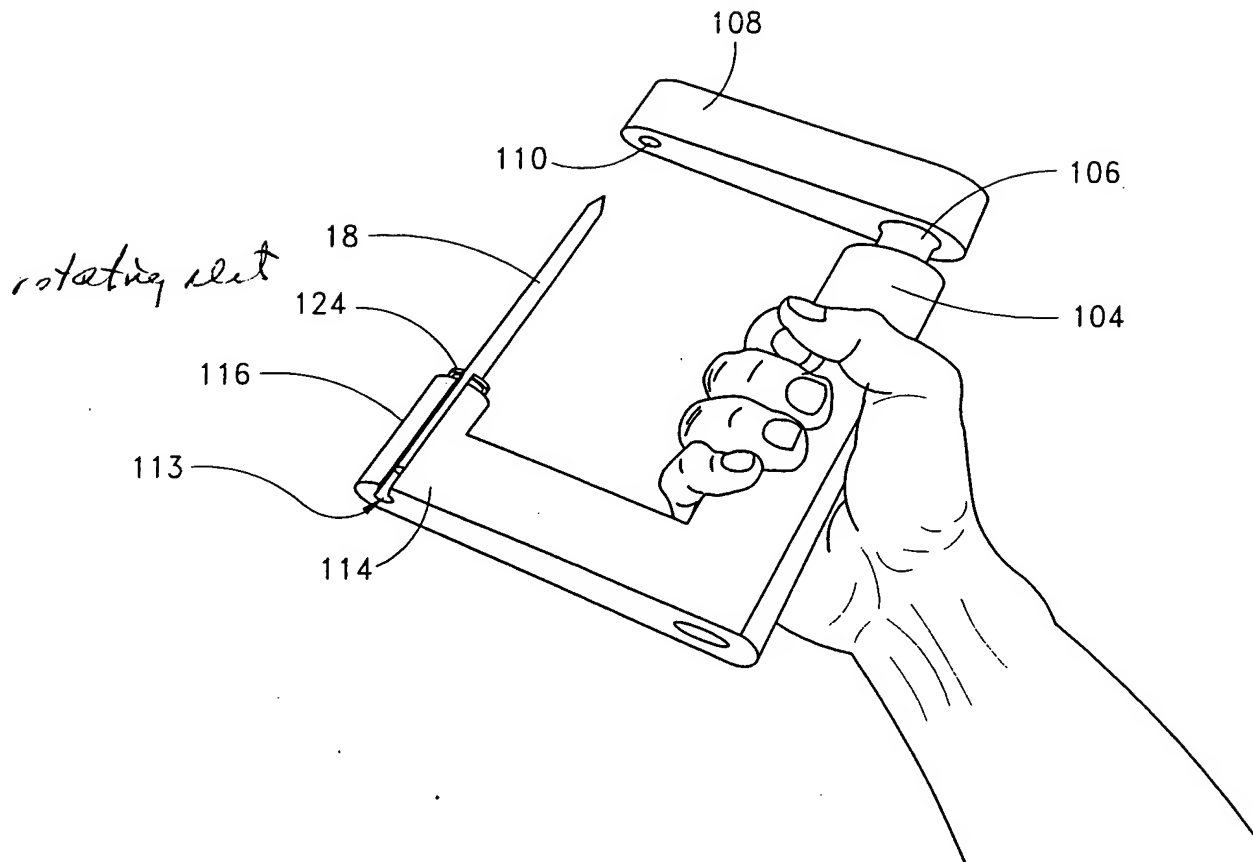
Fig. 5a seftly guide with longitudinal guides



trocher & drain

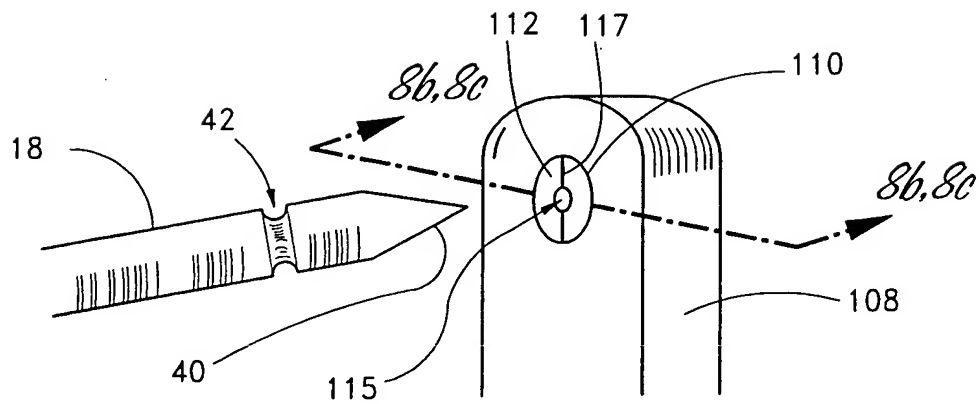
big with drain from patient

Fig. 6

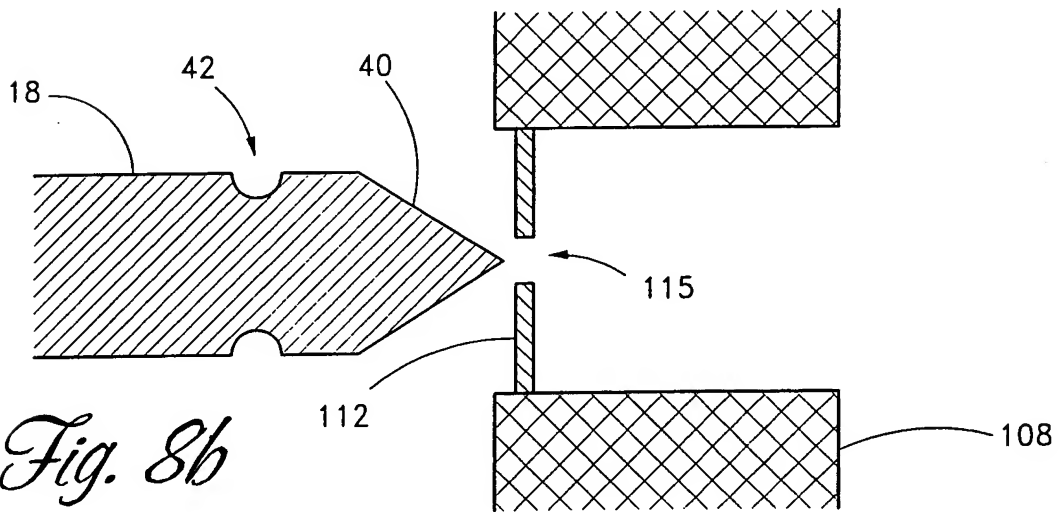


Alternative embodiment of safety guide, with  
Fig. 7

sheet held house within top strut -

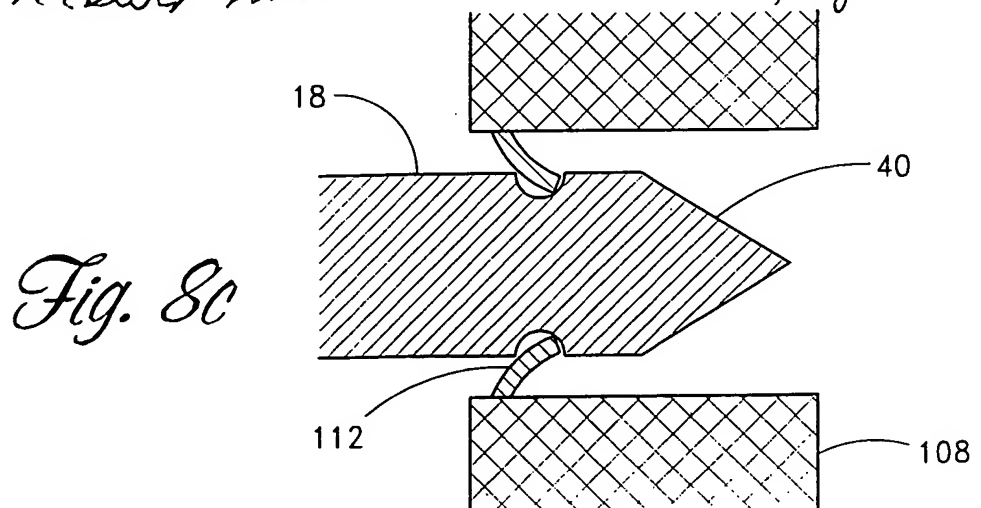


*Fig. 8a*  
*alternative embodiment of sheath holder*



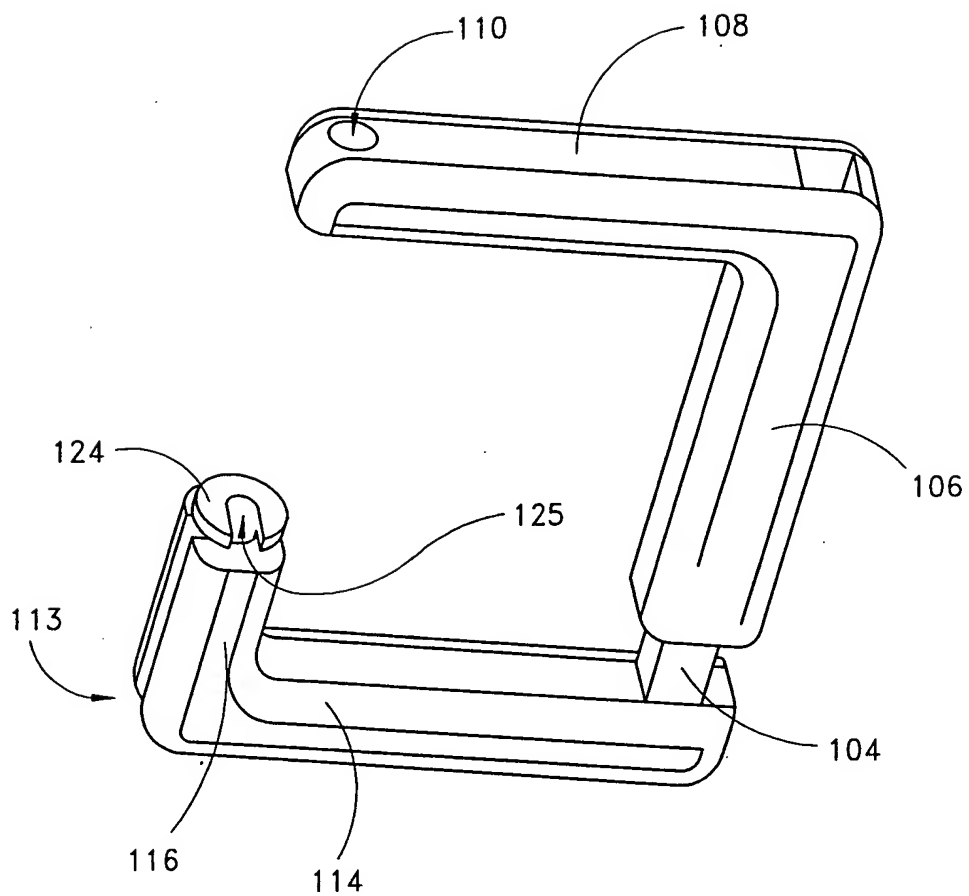
*Fig. 8b*

*trochar and receiver mechanisms in safety guard*



*Fig. 8c*





alternative embodiment of rotatable plotter  
Fig. 10



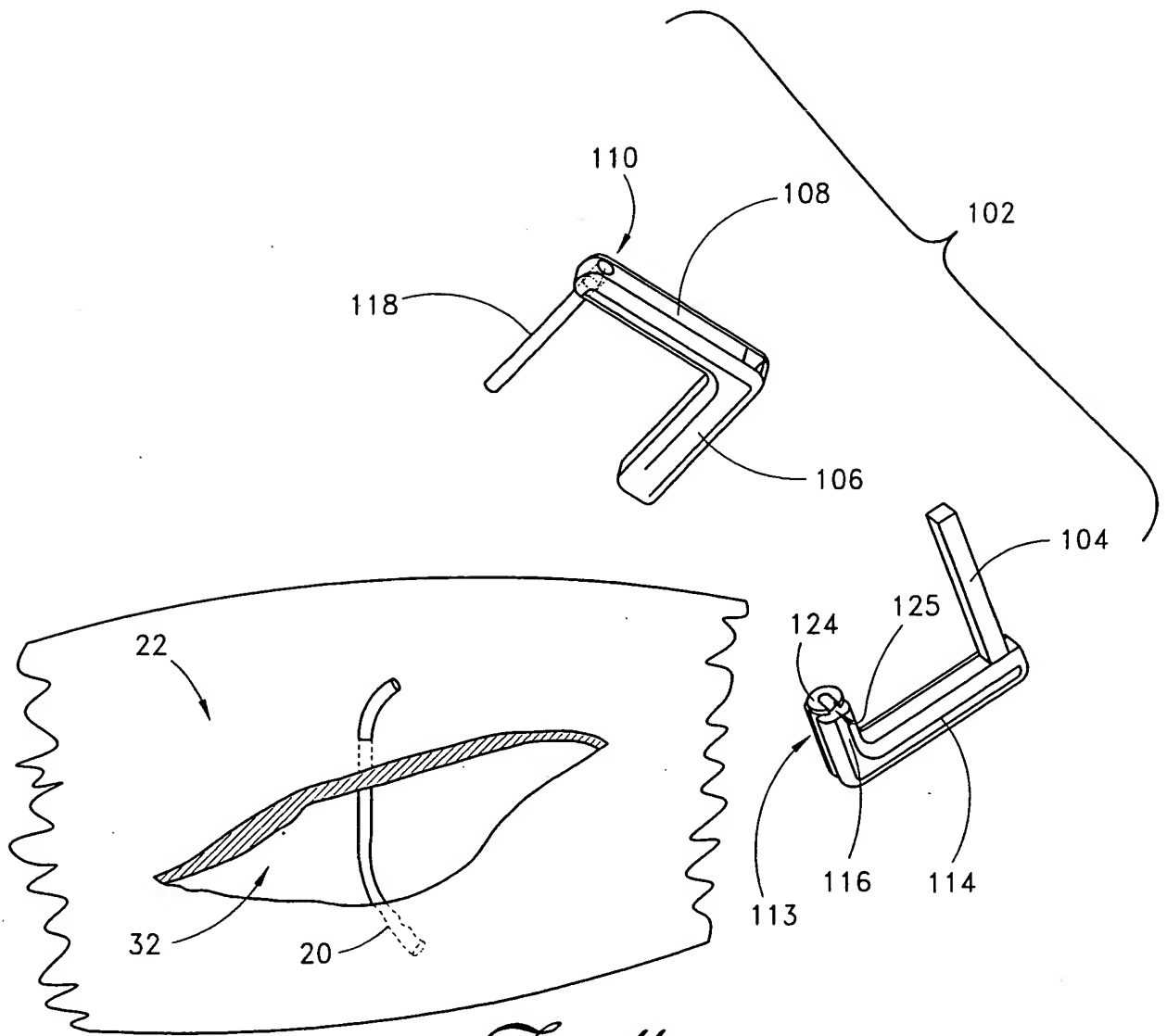


Fig. 11

alternative embodiment of safety guide  
being removed from patient

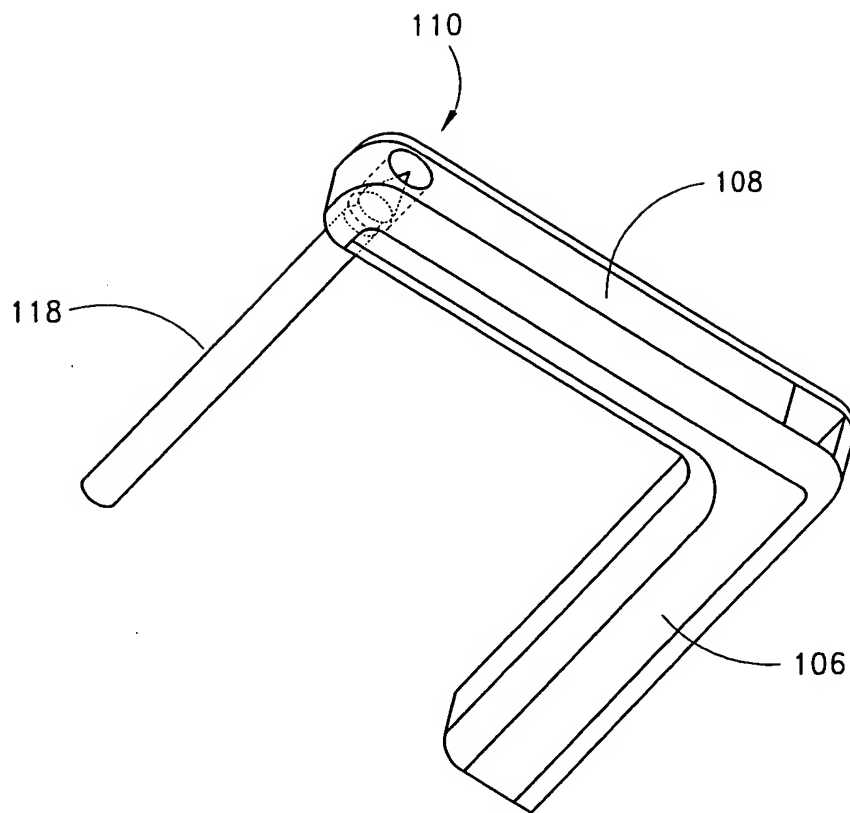


Fig. 12

side view of surgical trocar instrument  
and an alternative embodiment of the sheath  
holder